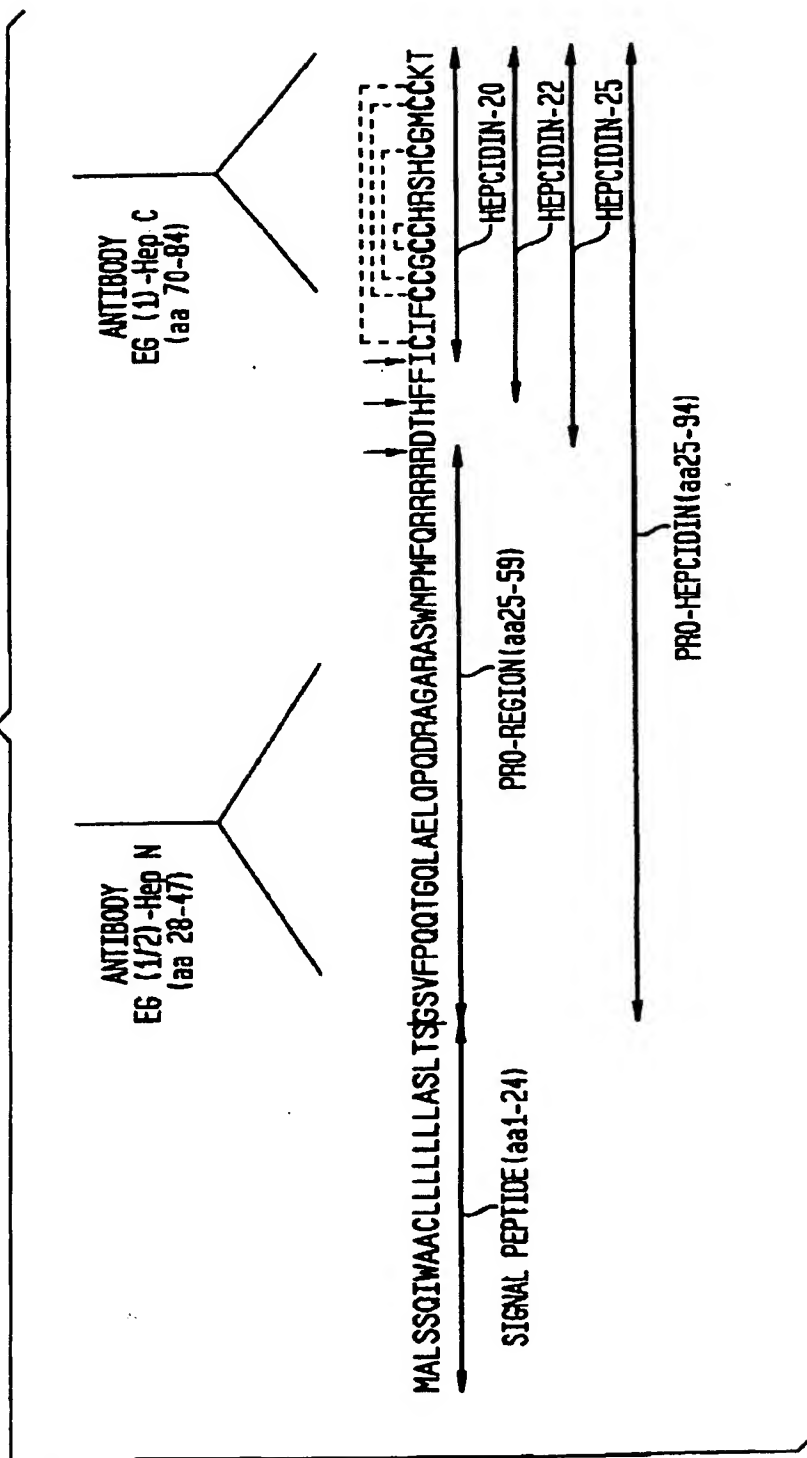
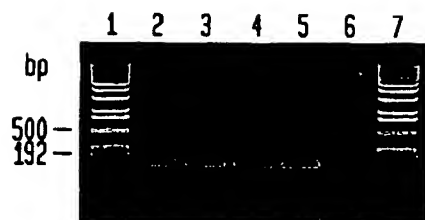


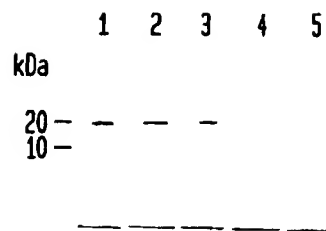
FIG. 1



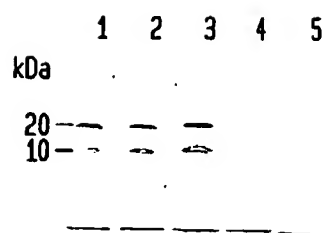
**FIG. 2A**



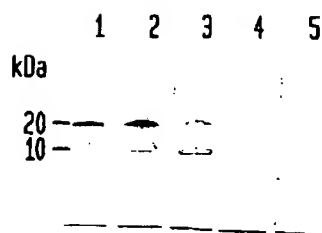
**FIG. 2B**



**FIG. 2C**



**FIG. 2D**



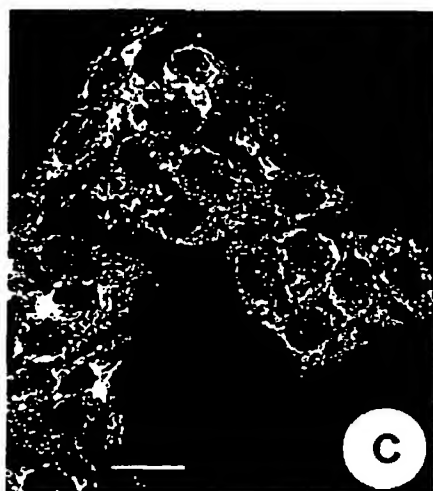
**FIG. 3A**



**FIG. 3B**



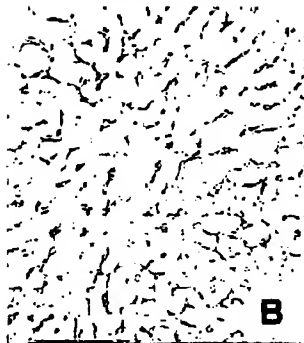
**FIG. 3C**



**FIG. 4A**



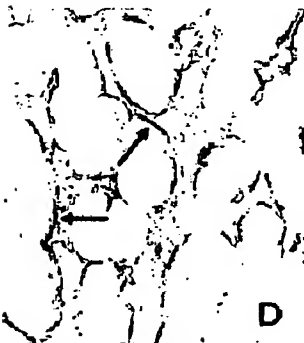
**FIG. 4B**



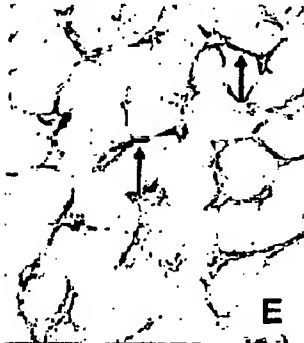
**FIG. 4C**



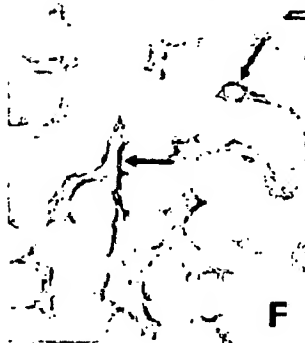
**FIG. 4D**



**FIG. 4E**



**FIG. 4F**



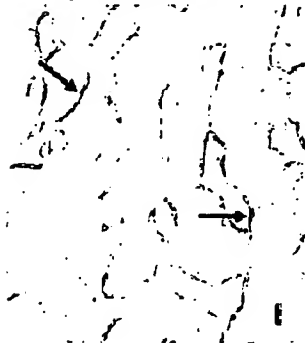
**FIG. 4G**



**FIG. 4H**



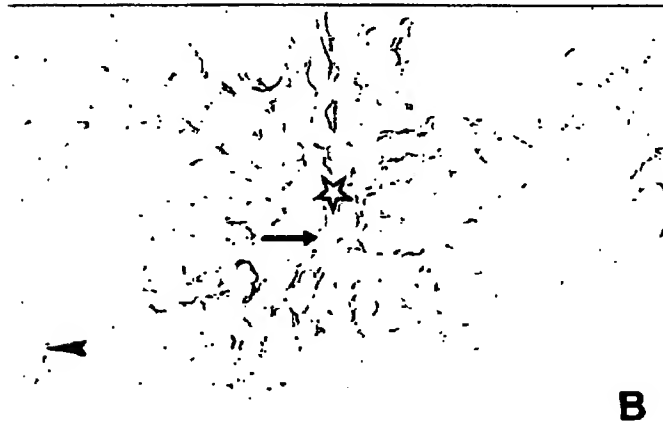
**FIG. 4I**



**FIG. 5A**



**FIG. 5B**

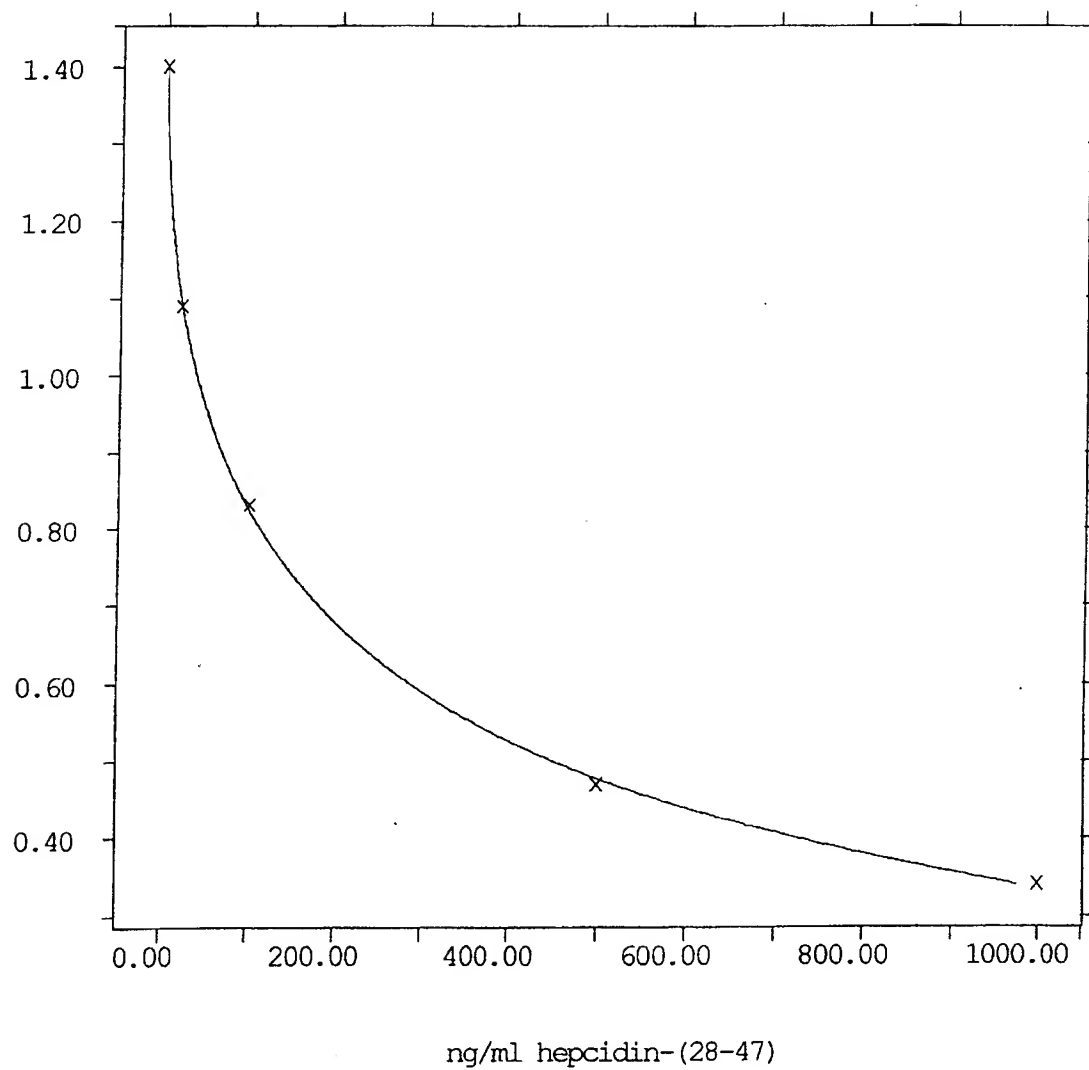


**FIG. 5C**



**FIG. 6**

Extinction at 450 nm



## FIG. 7

### Hepcidin Nucleotide Sequence:

```
1 tcaagaccca gcagtgggac agccagacag acggcacgat ggcaactgagc
tcccagatct
61 gggccgcttg cctcctgctc ctccctctcc tcgccagcct
gaccagtggc tctgttttcc
121 cacaacagac gggacaactt gcagagctgc aaccccagga
cagagctgga gccagggcca
181 gctggatgcc catgttccag aggogaagga ggcgagacac
ccacttcccc atctgcattt
241 tctgctgcgg ctgctgtcat cgatcaaagt gtgggatgtg
ctgcaagacg tagaacctac
301 ctgccctgcc ccggtcccct cccttcctta tttattcctg
ctgccccaga acataggtct
361 tggaataaaa tggctggttc ttttgttttc c
```

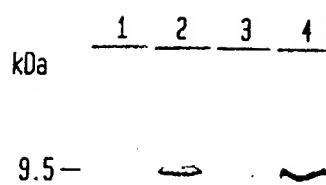
### Hepcidin Amino Acid Sequence

```
1 malssqiwaa cllllllllas ltsgsvfpqq tgqlaelppq
dragaraswm pmfqrrrrrd
61 thfpicifcc gcchrskcgm cckt
```

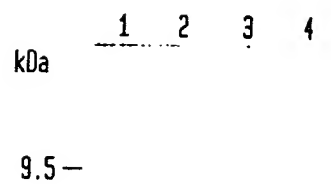
**FIG. 8**



**A**



**B**



**C**



**FIG. 9**

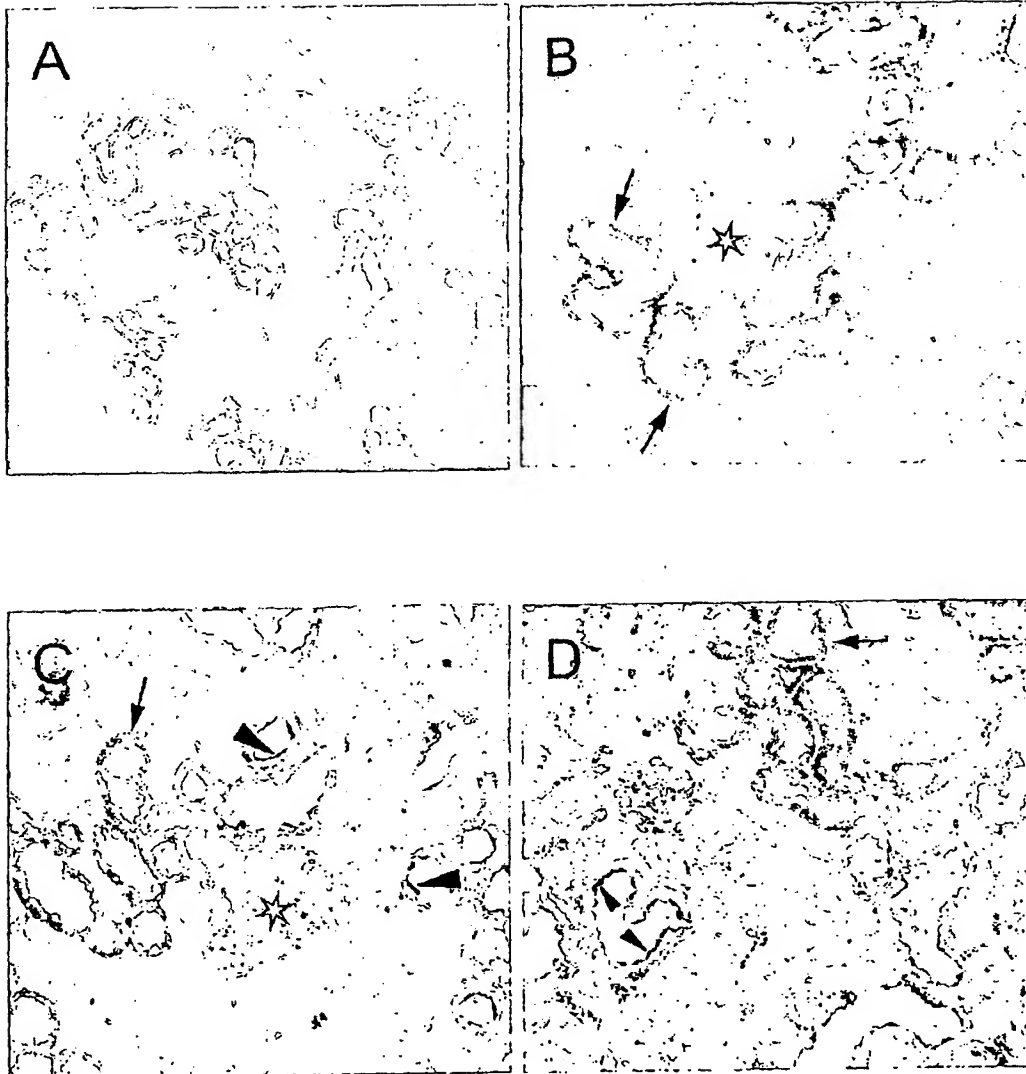


FIG. 10

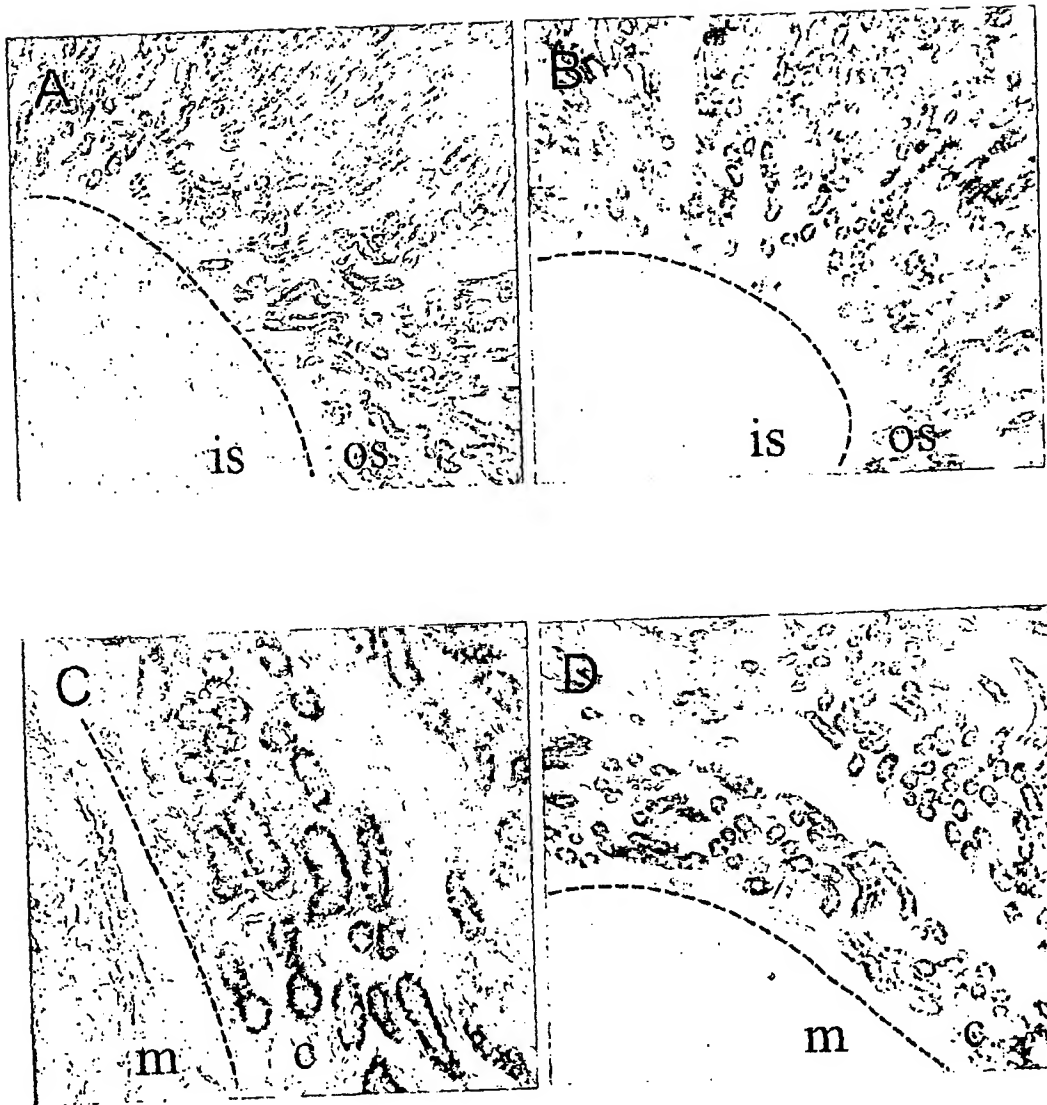


FIG. 11

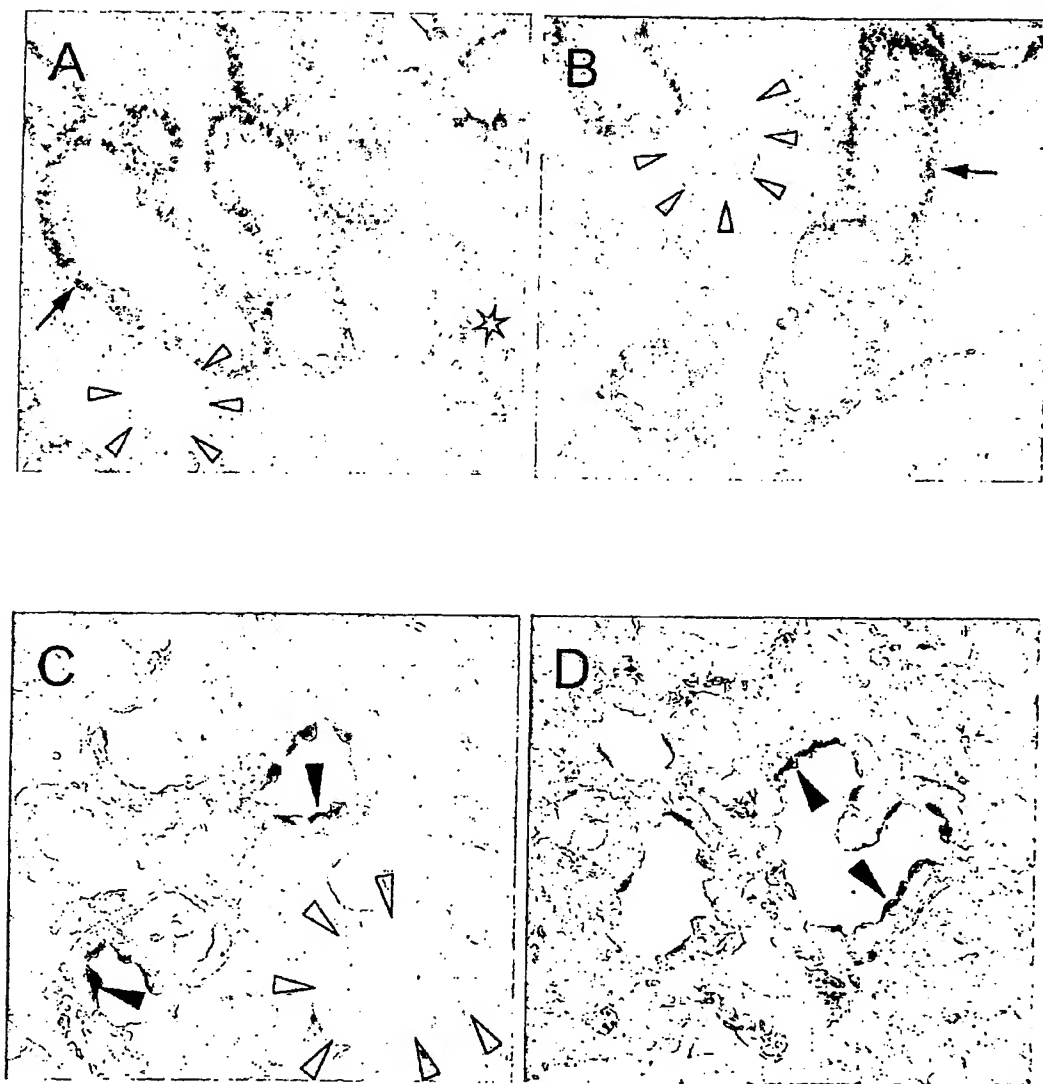
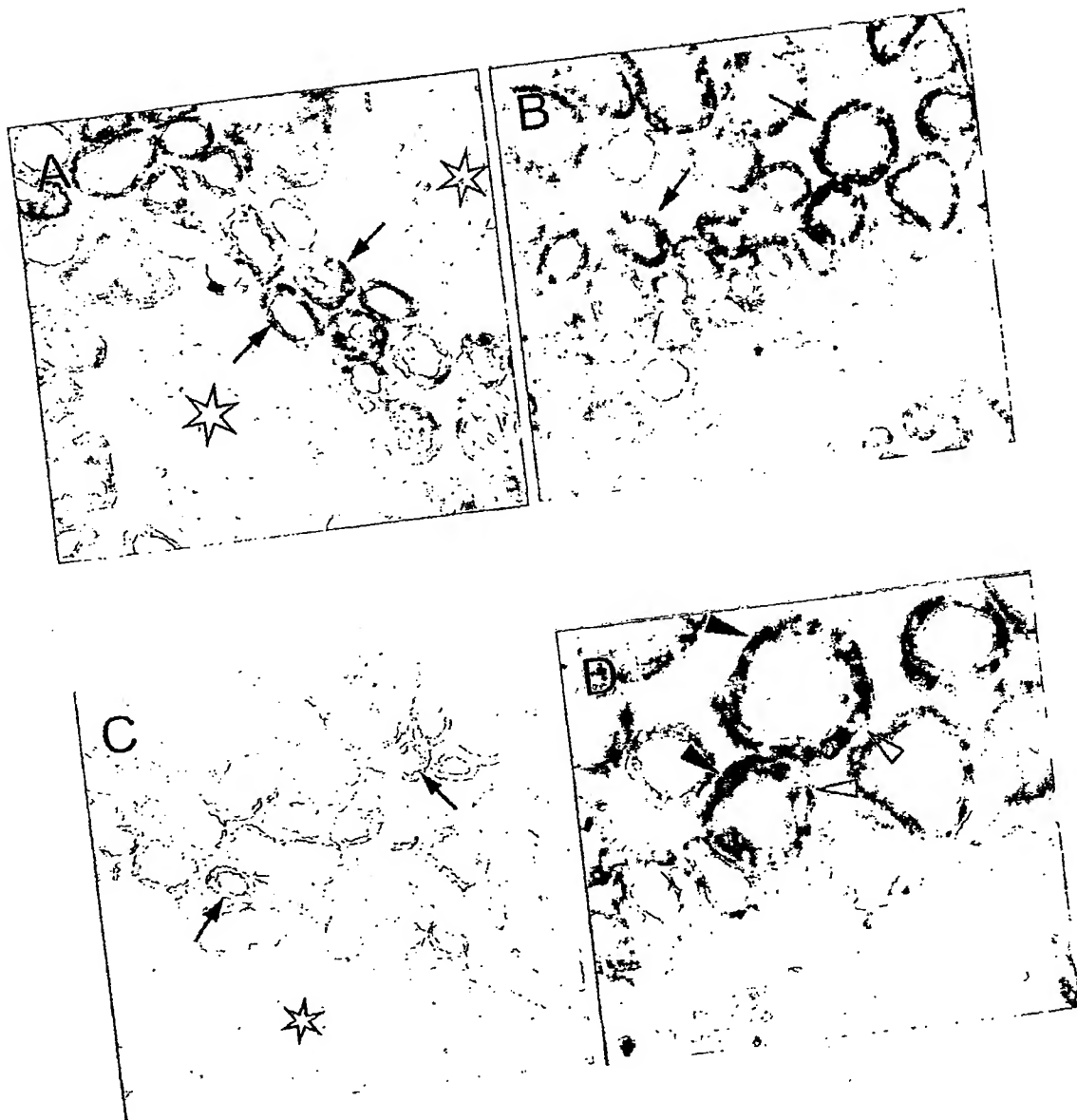
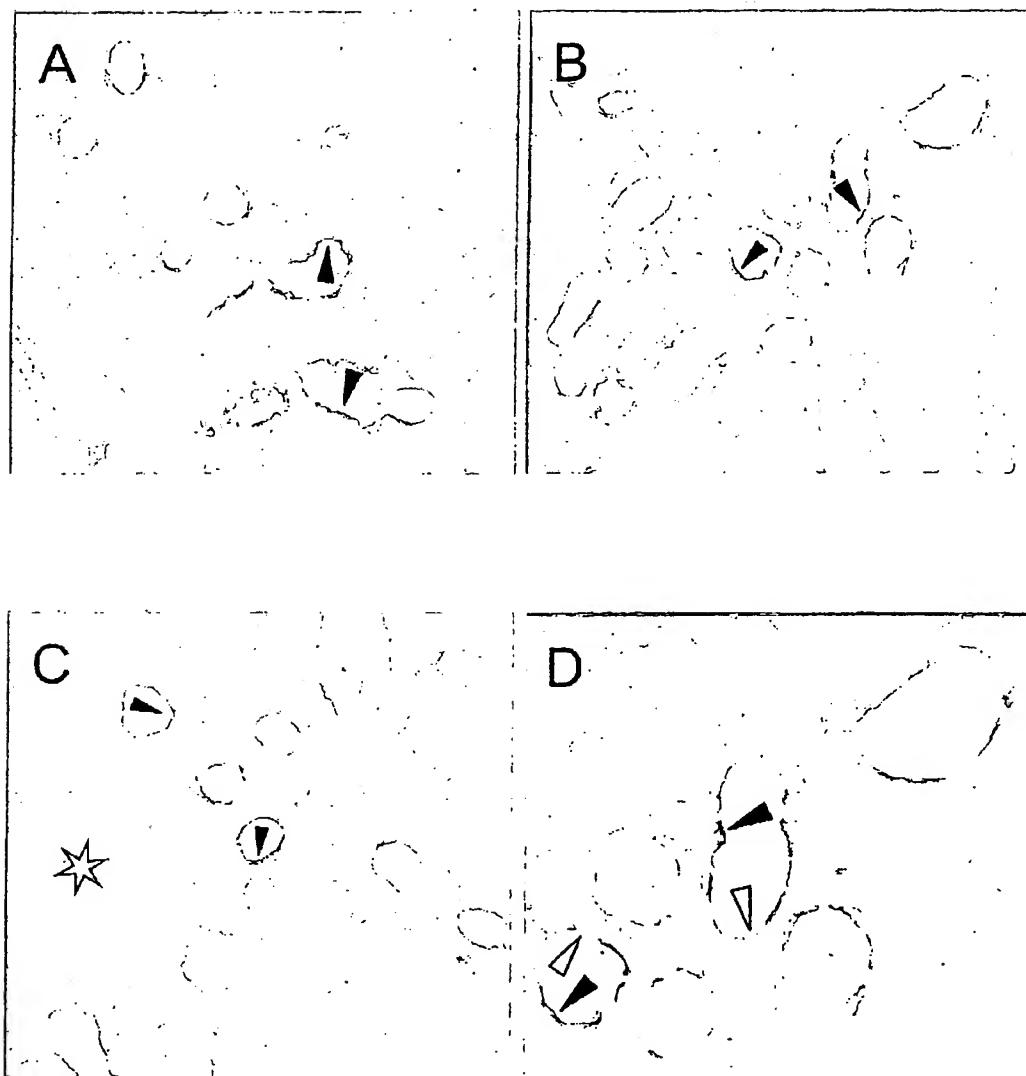


FIG. 12



**FIG. 13**



**FIG. 14**

